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AMENDMENTS TO THE CLAIMS: 45-49 REG
50-53 w/1

This listing of claims will replace all prior versions and listings of claims in the application:

Claims 1-44 (canceled).

45. (New) An antigen comprising a peptide present in the ENV protein of MvP-5180/91, wherein the peptide is from 10 amino acids in length to 33 amino acids in length and comprises an amino acid sequence encoded by SEQ ID NO:35, and wherein the antigen binds to an antibody that can bind to HIV-O. → SEQ, P2.

46. (New) The antigen of claim 45, wherein the amino acid sequence encoded by SEQ ID NO:35 is alanine-alanine-glycine-serine-threonine-methionine.

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47. (New) An antigen comprising a peptide present in the ENV protein of MvP-5180/91, wherein the peptide is from 15 amino acids in length to 33 amino acids in length and comprises an amino acid sequence encoded by SEQ ID NO:35, and wherein the antigen binds to an antibody that can bind to HIV-O.

48. (New) The antigen of claim 47, wherein the peptide is from 16 amino acids in length to 33 amino acids in length. - support?

49. (New) The antigen of claim 47, wherein the amino acid sequence encoded by SEQ ID NO:35 is alanine-alanine-glycine-serine-threonine-methionine. → SEQ COMPL

50. (New) A test kit for detecting antibodies that can bind to HIV-O comprising:

- (a) the antigen of claim 45 and
- (b) ancillary reagents suitable for use in detecting the presence of antibodies to the antigen in a biological sample.

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51. (New) The test kit of claim 50, wherein the test is an enzyme linked immunosorbent assay (ELISA).

52. (New) A test kit for detecting antibodies that can bind to HIV-O comprising:

- (a) the antigen of claim 47 and
- (b) ancillary reagents suitable for use in detecting the presence of antibodies to the antigen in a biological sample.

53. (New) The test kit of claim 52, wherein the test is an enzyme linked immunosorbent assay (ELISA).